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NOTICE OF ALLOWANCE AND FEE(S) DUE

23389 7590 07/09/2009 SCULLY SCOTT MURPHY & PRESSER, PC 400 GARDER CITY PLAZA SUITE 300

GARDEN CITY NY 11530

EXAMINER			
YU,	LIHONG		
ART UNIT	PAPER NUMBER		
2611	•		

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/521,747	01/19/2005	Michael Richard Richardson	19942 (XA2021)	8840
TITLE OF INVENTION: E	NHANCING SIGNALS			

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	10/09/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT, PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 1SI. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

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nonprovisional	NO		\$1510	\$300		\$0		\$1810	10/09/2009
EXAMI	NER		ART UNIT	CLASS-SUBCLASS	3				
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"Fee Address" indi- PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AN	ondence address (or Cha v/122) attached. cation (or "Fee Address 2 or more recent) attach ND RESIDENCE DAT/ ess an assignee is ident in 37 CFR 3.11. Comp	nge of ' 'Indicaed, Use	Correspondence Mion form of a Customer E PRINTED ON	listed, no name wi	ap to rnativ single or attor II be or typ he pa	3 registered paten ely, e firm (having as a gent) and the nam neys or agents. If printed. e) ttent. If an assign assignment.	memb es of u no nan	per a 2p to ne is 3	ocument has been filed for
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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 438 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 438 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)		
	Application No.	Applicant(s)		
Notice of Allowability	10/521,747	RICHARDSON, MICHAEL RICHARD		
Notice of Allowability	Examiner	Art Unit		
	LIHONG YU	2611		
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS, herewith (or previously mailed), a Notice of Allowance (PTOL. 95) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this application of other appropriate communication IGHTS. This application is subject to 3 and MPEP 1308.	plication. If not include will be mailed in due	ed course. THIS	
2. M The allowed claim(s) is/are 1-12.				
- '' -				
3. ☑ Acknowledgment is made of a claim for foreign priority ur a) ☑ All b) ☐ some* c) ☐ None of the: 1. ☑ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have interested to the certified copies not received: ——. Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be subminsFormal Part Application (Pto-152) which give the complex of the priority of the priority of the complex of the priority of the priorit	s been received. s been received in Application No cuments have been received in this of this communication to file a reply IENT of this application. sitted. Note the attached EXAMINER as reason(s) why the oath or declare at be submitted. son's Patent Drawing Review (PTO s Amendment / Comment or in the C st Ask(c)) should be written on the drawin the header according to 37 CFR 1.12f.	national stage applica complying with the rec 'S AMENDMENT or N tition is deficient. 948) attached Office action of ngs in the front (not the d), nust be submitted. I	quirements OTICE OF	
Attachment(s) 1.	5. Notice of Informal F 6. Interview Summary Paper No./Mail Da 7. Examiner's Amendr 8. Examiner's Stateme 9. Other	(PTO-413), te ment/Comment	owance	

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DETAILED ACTION

1. Acknowledgement is made of the amendment received on March 13, 2009.

Allowable Subject Matter

Claims 1-12 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

The applicant has amended the independent claims 1 and 7 to include that each of the two mobile receivers has a dedicated antenna, with both receivers being connected to a common correlator. One of the receivers has a better communication link with the base station than the other receiver does. The received signals from both receivers are correlated in the correlator.

Some of the correlated signals are selected to generate a replica of unwanted signals which is removed from the received signal of less quality. The claims 1 and 7 are amended to specifically indicate that the two receivers are at different locations.

The closest prior art, Kwon et al (US 7,359,431) in view of Bousquet et al (US 6,650,906) shows a similar system which also includes two received signals connected to a correlator to identify noise signals to be removed. But in Kwon's disclosure, only one of the received signals is from an antenna, the other signal is a pseudo random number generated locally. In the instant application, the two received signals are from the same base station, and

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the two receivers are at different locations, with one location being able to receive good quality signals from the base station. The above mentioned distinct features in both claims 1 and 7 render the two claims allowable.

Claims 2-6 are depending on claim 1 and claims 8-12 are depending on claim 7. The dependent claims are further limiting the independent claims. Therefore claims 1-12 are allowable.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LIHONG YU whose telephone number is (571) 270-5147. The examiner can normally be reached on 8:30 am-7:00 pm Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shuwang Liu can be reached on (571) 272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Lihong Yu/ Examiner, Art Unit 2611 /Shuwang Liu/ Supervisory Patent Examiner, Art Unit 2611